



National Agricultural Statistics Service
Michigan Field Office
Michigan Department of Agriculture

Michigan Crop-Weather



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Warm Temperatures Return

Five days were suitable for fieldwork during the week ending July 16, according to the USDA, NASS, Michigan Field Office. Precipitation amounts ranged from 0.15 inches in the northwest Lower Peninsula to 2.70 inches in the central Lower Peninsula. Average temperatures ranged from 2 degree above normal in the east central Lower Peninsula to 6 degrees above normal in the eastern and western Upper Peninsula. Crops continue to respond where there was rainfall, although some areas received too much rain and other areas need rain. A farmer in the south central mentioned that, “We received two inches of rain in three days. This changed the crop color overnight and it really took off.” A farmer in the southeast said that, “During the week, we had two storms go through the area. We received two and one-half inches one day and another two inches the other day. The ground is now saturated.” A farmer in the northwest mentioned that, “We received four-tenths of an inch of rain. It is still very dry.”

Field Crops

Rainfall was variable across the State. **Corn** continued to grow and was above average for height. Development was variable within and among fields. **Soybean** fields were in good condition. Second cuttings of **hay** were underway. Growth was generally good, but varied with precipitation. High populations of leafhoppers were reported. **Wheat** harvest continued, although heavy rains halted harvest in some areas. Most **oats** were in good condition. **Dry beans** continued to progress with few problems reported. **Sugarbeet** growth continued.

Fruit

Apples continued to size very well across the State. Red Delicious apples in the southeast grew to 2.25 inches. Empire, Honeycrisp, Romes and Paulas were mostly 2.5 inches. Oriental fruit moth catches were up, and populations of European red mites increased dramatically in southern areas. Powdery mildew was present in some Grand Rapids area blocks. Coddling moth and obliquebanded leaf roller catches were up in the northwest. **Peaches** were coloring in the southwest where harvest of Queencrest, Earlystar, Harbinger, and PF1 began last week. Red Haven peaches in the southeast grew to 1.75 inches. Harvest of early varieties was expected to begin this week. **Pears** in the southwest were showing symptoms of attack by second generation codling moth. Pears in the southeast sized to 1.75 inches. **Plums** were coloring in the southwest. Southeastern plums grew to 1 inch, and producers noted a fair amount of plum drop for the year. **Tart cherry** harvest continued in the southern areas where producers were encouraged to protect against cherry leaf spot. Harvest activities were beginning in the northwest. **Sweet cherry** harvest came to an end in southern areas; meanwhile, harvest was underway in the west central and northwest. Cracking in northwestern sweet cherries was exceptionally low. Cherry fruit flies were present in the west central and northwest blocks. **Grape** bloom ended in the northwest. Duke and other early varieties of **blueberries** were harvested in the southwest. Southeastern blueberries were 18 to 20 mm in size, and growers were preparing for harvest to begin within a week. **Grapes** were at or past berry touch in the southwest, while those in the southeast were nearing berry touch. Fruit set was complete in the northwest where foliar conditions remain very good, but potato leafhopper and powdery mildew were of concern. **Strawberry** producers were renovating their fields.

Vegetables

Summer squash and **zucchini** harvest continued. There were reports of Squash vine borer in the west central. **Cucumber** harvest continued, with reports of downy mildew, bacterial wilt, and anthracnose in the southeast. **Carrots** and **celery** continued to develop. Aster leafhopper numbers were low and under control. Cercospora blight has been reported in carrots. **Cabbage** and other cole crops for fall harvest were irrigated this week in the southeast as soils dried quickly in the surface layer. Some **broccoli** and **cauliflower** were harvested. **Onion** bulbs continued to develop with no major disease or insect problems reported. **Pumpkin** plants were vining well. **Potato** harvest began for early table stock. **Sweet corn** fields were developing with European corn borer limited to the southwest and west central areas. Harvest volume was increasing. **Tomatoes** and **peppers** were blooming and setting fruit. Some fresh market harvest was getting underway.

Soil moisture for week ending 07/16/06

Stratum	Very short	Short	Adequate	Surplus
	Percent	Percent	Percent	Percent
Topsoil	7	18	66	9
Subsoil	10	27	59	4

Crop condition for week ending 07/16/06

Crop	Very poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
All Hay	9	12	15	44	20
Barley	8	12	14	34	32
Corn	2	8	27	49	14
Dry beans	1	12	20	42	25
Oats	5	12	16	40	27
Pasture	15	21	18	34	12
Soybeans	3	8	29	49	11
Winter Wheat	1	8	24	47	20

Crop progress for week ending 07/16/06

Crop	This week	Last week	Last year	5-year average
	Inches	Inches	Inches	Inches
Corn, height	53	37	53	44
	Percent	Percent	Percent	Percent
All hay, second cutting	57	39	59	40
Blueberries, harvested	8	5	19	NA
Corn, silked	18	NA	27	11
Dry beans, blooming	5	NA	NA	NA
Oats, turning yellow	70	24	72	47
Soybeans, blooming	24	NA	60	38
Soybeans, setting pods	7	NA	12	5
Strawberries, harvested	100	70	100	98
Tart cherries, harvested	59	32	60	NA
Winter wheat, harvested	22	5	31	26

Michigan Weather Summary for Week Ending 07/16/06 ¹

Station	Temperature			Cumulative growing degree days ²			Precipitation					
	Maximum	Minimum	Departure from normal	2006	2005	Normal	This week	Last two weeks	Last four weeks	Since April 1	Normal	
											Since April 1	For month
Ironwood	97	39		1,167	1,192		1.02	1.34	1.85	9.09		
Marquette	96	47		1,072	1,097		0.35	0.82	1.34	10.35		
Stephenson	101	49		1,207	1,230		0.08	0.19	0.39	6.73		
Western UP	101	39	6	1,131	1,144	926	1.13	1.40	1.86	9.06	10.91	3.42
Cornell	96	48		1,120	1,101		0.96	1.80	3.02	10.21		
Sault St Marie	92	52		1,058	1,076		0.45	0.67	0.84	5.38		
Eastern UP	96	40	6	1,049	1,035	761	0.72	1.05	2.00	8.76	10.14	3.19
Beulah	92	53		1,230	1,331		0.01	0.35	1.49	8.93		
Lake City	91	51		1,189	1,265		0.25	0.67	3.66	14.31		
Old Mission	97	51		1,203	1,258		0.04	0.13	0.34	6.47		
Pellston	91	49		1,213	1,252		0.47	0.47	1.02	7.11		
Northwest	97	49	5	1,170	1,247	1,064	0.15	0.36	1.49	9.44	9.87	2.99
Alpena	93	56		1,225	1,172		0.30	0.86	2.88	9.01		
Houghton Lake	91	49		1,253	1,281		0.27	0.47	3.38	10.47		
Rogers City	94	51		1,235	1,210		0.26	0.53	2.17	8.92		
Northeast	94	45	5	1,242	1,246	1,023	0.27	0.73	2.66	9.61	9.67	3.18
Fremont	93	55		1,333	1,443		1.79	1.93	2.68	11.75		
Hart	92	52		1,229	1,379		0.38	0.69	1.85	12.36		
Muskegon	90	59		1,305	1,447		1.21	1.21	1.60	10.17		
West Central	93	49	4	1,276	1,402	1,179	0.75	0.94	1.65	10.63	9.94	2.54
Alma	91	55		1,402	1,429		2.46	2.84	4.06	12.81		
Big Rapids	91	55		1,396	1,359		2.46	2.46	3.67	11.43		
Central	91	55	3	1,388	1,389	1,240	2.70	3.01	4.24	12.58	10.72	2.97
Bad Axe	91	56		1,316	1,339		0.60	1.90	3.13	9.61		
Pigeon	91	54		1,329	1,278		0.54	1.09	2.36	9.29		
Saginaw	94	57		1,368	1,373		0.90	2.02	2.51	11.25		
Standish	93	53		1,295	1,263		0.54	1.42	3.27	13.12		
East Central	94	53	2	1,306	1,329	1,223	1.00	1.87	3.34	10.84	9.76	2.92
Fennville	90	61		1,269	1,460		1.04	1.12	1.21	9.60		
Grand Rapids	95	61		1,467	1,521		0.94	0.94	1.08	9.82		
Holland	91	62		1,400	1,513		1.75	1.75	1.91	6.29		
South Bend, IN	91	63		1,496	1,633		3.12	3.34	3.90	13.32		
Watervliet	92	63		1,424	1,550		1.48	1.72	2.03	8.68		
Southwest	96	61	3	1,408	1,528	1,334	1.41	1.56	1.84	8.40	11.48	3.09
Belding	93	57		1,363	1,413		2.39	3.01	3.75	10.81		
Coldwater	92	60		1,410	1,459		1.00	1.69	3.16	9.67		
Lansing	93	61		1,436	1,511		1.04	1.20	1.92	9.36		
South Central	93	57	3	1,414	1,495	1,328	1.07	1.61	2.97	9.69	11.25	3.22
Detroit	95	66		1,586	1,587		1.16	1.43	3.08	12.30		
Flint	90	56		1,370	1,442		1.02	1.93	4.03	12.71		
Romeo	94	55		1,457	1,398		1.35	2.25	4.02	11.62		
Tipton	92	61		1,412	1,500		0.98	1.94	4.54	12.53		
Toledo, OH	92	63		1,577	1,591		1.89	2.47	6.46	15.01		
Southeast	95	55	3	1,456	1,506	1,299	1.41	2.08	4.47	12.43	11.06	3.11

¹ Issued by the USDA, NASS, Michigan Field Office in cooperation with the U.S. Department of Commerce, Michigan State University's Cooperative Extension Service, Agricultural Meteorologist, Department of Geography, and Crop Advisory Team ALERTS.

² Growing degree days (GDD) is the sum of daily mean temperatures minus 50 per day, 86 maximum and 50 minimum. The GDD is accumulative from April 1.

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